

Copyright (c) 1993 - 2004 Compugen Ltd.

Gencore version 5.1.6

OM nucleic - nucleic search, using sw model

Run on: June 8, 2004, 07:21:12 ; search time 763 Seconds
 Sequence: 1 gttgtgttcctttagaaac.....ataaaaaagagccaaaaaaaaaa 1679
 Scoring table: IDENTITY_NUC
 Gapop 10.0 , Gapext 0.5

Searched: 562 seqs, 944762 residues

Total number of hits satisfying chosen parameters: 1124

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Maximum Match 0%
 Listing first 562 summaries

Database : rippb52.seq;*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES					
Result No.	Score	Query Length	DB ID	Description	
1	1679	100.0	1679	1 US-10-013-921A-522	Sequence 522, APP
2	1679	100.0	1679	1 US-10-123-018-375	Sequence 375, APP
3	1679	100.0	1679	1 US-10-123-236-375	Sequence 375, APP
4	1679	100.0	1679	1 US-10-140-921-375	Sequence 375, APP
5	1679	100.0	1679	1 US-10-140-924-375	Sequence 375, APP
6	1679	100.0	1679	1 US-10-140-925-375	Sequence 375, APP
7	1679	100.0	1679	1 US-10-215-924-375	Sequence 375, APP
8	1679	100.0	1679	1 US-10-013-929A-522	Sequence 522, APP
9	1679	100.0	1679	1 US-10-016-177A-522	Sequence 522, APP
10	1679	100.0	1679	1 US-10-121-045-375	Sequence 375, APP
11	1679	100.0	1679	1 US-10-123-222-375	Sequence 375, APP
12	1679	100.0	1679	1 US-10-123-913-375	Sequence 375, APP
13	1679	100.0	1679	1 US-10-124-819-375	Sequence 375, APP
14	1679	100.0	1679	1 US-10-124-822-375	Sequence 375, APP
15	1679	100.0	1679	1 US-10-140-925-375	Sequence 375, APP
16	1679	100.0	1679	1 US-10-160-498-375	Sequence 375, APP
17	1679	100.0	1679	1 US-10-218-849-125	Sequence 125, APP
18	1679	100.0	1679	1 US-10-322-873-125	Sequence 125, APP
19	1679	100.0	1679	1 US-10-227-883-125	Sequence 125, APP
20	1679	100.0	1679	1 US-10-124-824-375	Sequence 375, APP
21	1679	100.0	1679	1 US-10-127-825A-375	Sequence 375, APP
22	1679	100.0	1679	1 US-10-127-828A-375	Sequence 375, APP
23	1679	100.0	1679	1 US-10-127-835A-375	Sequence 375, APP
24	1679	100.0	1679	1 US-10-127-835A-375	Sequence 375, APP
25	1679	100.0	1679	1 US-10-127-901A-375	Sequence 375, APP
26	1679	100.0	1679	1 US-10-128-692A-375	Sequence 375, APP
27	1679	100.0	1679	1 US-10-131-813A-375	Sequence 375, APP
28	1679	100.0	1679	1 US-10-131-818A-375	Sequence 375, APP
29	1679	100.0	1679	1 US-10-131-823A-375	Sequence 375, APP
30	1679	100.0	1679	1 US-10-131-824A-375	Sequence 375, APP
31	1679	100.0	1679	1 US-10-131-830A-375	Sequence 375, APP
32	1679	100.0	1679	1 US-10-131-837A-375	Sequence 375, APP
33	1679	100.0	1679	1 US-10-137-877A-375	Sequence 375, APP

107	1679	100.0	1679	1	US-10-127-834A-375	Sequence 375, APP
108	1679	100.0	1679	1	US-10-127-836A-375	Sequence 375, APP
109	1679	100.0	1679	1	US-10-127-841A-375	Sequence 375, APP
110	1679	100.0	1679	1	US-10-127-844A-375	Sequence 375, APP
111	1679	100.0	1679	1	US-10-128-687A-375	Sequence 375, APP
112	1679	100.0	1679	1	US-10-128-688A-375	Sequence 375, APP
113	1679	100.0	1679	1	US-10-128-699A-375	Sequence 375, APP
114	1679	100.0	1679	1	US-10-128-699A-375	Sequence 375, APP
115	1679	100.0	1679	1	US-10-131-822A-375	Sequence 375, APP
116	1679	100.0	1679	1	US-10-230-017-375	Sequence 375, APP
117	1679	100.0	1679	1	US-10-219-003-375	Sequence 375, APP
118	1679	100.0	1679	1	US-10-219-075-375	Sequence 375, APP
119	1679	100.0	1679	1	US-10-219-464-375	Sequence 375, APP
120	1679	100.0	1679	1	US-10-219-466-375	Sequence 375, APP
121	1679	100.0	1679	1	US-10-219-479-375	Sequence 375, APP
122	1679	100.0	1679	1	US-10-219-481-375	Sequence 375, APP
123	1679	100.0	1679	1	US-10-230-260-125	Sequence 125, APP
124	1679	100.0	1679	1	US-10-232-231-125	Sequence 125, APP
125	1679	100.0	1679	1	US-10-232-233-125	Sequence 125, APP
126	1679	100.0	1679	1	US-10-131-815A-375	Sequence 375, APP
127	1679	100.0	1679	1	US-10-131-817A-375	Sequence 375, APP
128	1679	100.0	1679	1	US-10-131-821A-375	Sequence 375, APP
129	1679	100.0	1679	1	US-10-131-822A-375	Sequence 375, APP
130	1679	100.0	1679	1	US-10-131-828A-375	Sequence 375, APP
131	1679	100.0	1679	1	US-10-131-835A-375	Sequence 375, APP
132	1679	100.0	1679	1	US-10-137-866A-375	Sequence 375, APP
133	1679	100.0	1679	1	US-10-137-869A-375	Sequence 375, APP
134	1679	100.0	1679	1	US-10-147-523-375	Sequence 375, APP
135	1679	100.0	1679	1	US-10-158-785-375	Sequence 375, APP
136	1679	100.0	1679	1	US-10-121-051-375	Sequence 375, APP
137	1679	100.0	1679	1	US-10-216-165-125	Sequence 125, APP
138	1679	100.0	1679	1	US-10-219-456-125	Sequence 125, APP
139	1679	100.0	1679	1	US-10-219-468-125	Sequence 125, APP
140	1679	100.0	1679	1	US-10-219-478-125	Sequence 125, APP
141	1679	100.0	1679	1	US-10-219-536-125	Sequence 125, APP
142	1679	100.0	1679	1	US-10-233-205-125	Sequence 125, APP
143	1679	100.0	1679	1	US-10-121-042-375	Sequence 375, APP
144	1679	100.0	1679	1	US-10-219-072-125	Sequence 125, APP
145	1679	100.0	1679	1	US-10-219-470-125	Sequence 125, APP
146	1679	100.0	1679	1	US-10-219-474-125	Sequence 125, APP
147	1679	100.0	1679	1	US-10-219-524-125	Sequence 125, APP
148	1679	100.0	1679	1	US-10-219-528-125	Sequence 125, APP
149	1679	100.0	1679	1	US-10-221-7880-125	Sequence 125, APP
150	1679	100.0	1679	1	US-10-227-881-125	Sequence 125, APP
151	1679	100.0	1679	1	US-10-227-882-125	Sequence 125, APP
152	1679	100.0	1679	1	US-10-230-036-125	Sequence 125, APP
153	1679	100.0	1679	1	US-10-232-223-125	Sequence 125, APP
154	1679	100.0	1679	1	US-10-232-225-125	Sequence 125, APP
155	1679	100.0	1679	1	US-10-232-227-125	Sequence 125, APP
156	1679	100.0	1679	1	US-10-232-229-125	Sequence 125, APP
157	1679	100.0	1679	1	US-10-232-234-125	Sequence 125, APP
158	1679	100.0	1679	1	US-10-232-260-125	Sequence 125, APP
159	1679	100.0	1679	1	US-10-123-312-375	Sequence 375, APP
160	1679	100.0	1679	1	US-10-223-085-55	Sequence 125, APP
161	1679	100.0	1679	1	US-10-216-160-125	Sequence 125, APP
162	1679	100.0	1679	1	US-10-216-162-125	Sequence 125, APP
163	1679	100.0	1679	1	US-10-216-164-125	Sequence 125, APP
164	1679	100.0	1679	1	US-10-216-167-125	Sequence 125, APP
165	1679	100.0	1679	1	US-10-216-168-125	Sequence 125, APP
166	1679	100.0	1679	1	US-10-219-065-125	Sequence 125, APP
167	1679	100.0	1679	1	US-10-219-071-125	Sequence 125, APP
168	1679	100.0	1679	1	US-10-219-074-125	Sequence 125, APP
169	1679	100.0	1679	1	US-10-219-077-125	Sequence 125, APP
170	1679	100.0	1679	1	US-10-219-465-125	Sequence 125, APP
171	1679	100.0	1679	1	US-10-219-467-125	Sequence 125, APP
172	1679	100.0	1679	1	US-10-219-469-125	Sequence 125, APP
173	1679	100.0	1679	1	US-10-219-471-125	Sequence 125, APP
174	1679	100.0	1679	1	US-10-219-473-125	Sequence 125, APP
175	1679	100.0	1679	1	US-10-219-476-125	Sequence 125, APP
176	1679	100.0	1679	1	US-10-219-482-125	Sequence 125, APP
177	1679	100.0	1679	1	US-10-221-874-125	Sequence 125, APP
178	1679	100.0	1679	1	US-10-227-876-125	Sequence 125, APP
179	1679	100.0	1679	1	US-10-227-878-125	Sequence 125, APP

us-10-017-084a-522.rnpl

Tue Jun 8 09:37:53 2004

us-10-017-084a-522.rnpb

Page

405	1679	100.0	1679	1	US-10-160-502A-522
407	1679	100.0	1679	1	US-10-121-044-375
408	1679	100.0	1679	1	US-10-121-055-375
409	1679	100.0	1679	1	US-10-121-057-375
410	1679	100.0	1679	1	US-10-121-059-375
411	1679	100.0	1679	1	US-10-121-059-375
412	1679	100.0	1679	1	US-10-121-059-375
413	1679	100.0	1679	1	US-10-123-109-375
414	1679	100.0	1679	1	US-10-123-157-375
415	1679	100.0	1679	1	US-10-123-157-375
416	1679	100.0	1679	1	US-10-123-906-375
417	1679	100.0	1679	1	US-10-124-811-375
418	1679	100.0	1679	1	US-10-124-816-375

QY 905 GATGAAAGAACACTGTTGAGGAGAAGAAGGGTGAAGTGAAACGACCTTCCTC 964
 Db 901 GATGAAAGAACACTGTTGAGGAGAAGAAGGGTGAAGTGAAACGACCTTCCTC 960
 QY 965 TCAAACCTCTTCTCAATGCTGACATGACTATGGAACATGACTATGGAAC 1024
 Db 961 TCAAACCTCTTCTCAATGCTGACATGACTATGGAACATGACTATGGAAC 1020
 1025 TCCAACAAGTGGGCACACAACTCCACATCAGCTTTCAGGCGCTGAGC 1084
 Db 1021 TCCAACAAGTGGGCACACAACTCCACATCAGCTTTCAGGCGCTGAGC 1080
 QY 1085 GAGGTAGACAGGGACTGTAGAGGGGGCGCTGGCTGGCTGCTGCTG 1144
 Db 1081 GAGGTAGACAGGGACTGTAGAGGGGGCGCTGGCTGGCTGCTGCTG 1140
 1145 TTGCACTGCTCTCAATTGATGCTAGAGGGGGCGCTGGCTGGCTGCTGCTG 1204
 Db 1141 TTGCACTGCTCTCAATTGATGCTAGAGGGGGCGCTGGCTGGCTGCTGCTG 1200
 1205 CCACCAAC 1264
 Db 1201 CCACCAAC 1260
 QY 1265 CAATGAAATTAGAAACACACACACACACACACACACACACACACAC 1324
 Db 1261 CAATGAAATTAGAAACACACACACACACACACACACACACACACAC 1320
 1325 AACTCTTGCGGGAAAGGTTAAAGAAATGAAATGCGCTGCAATATTA 1384
 Db 1321 AATACCTGGGGAAAGGTTAAAGAAATGAAATGCGCTGCAATATTA 1380
 QY 1385 GGTAACATGAGTTCTTCCAAACGGAAAGAACAGCAACCGCTTGACCA 1444
 Db 1381 GGTAACATGAGTTCTTCCAAACGGAAAGAACAGCAACCGCTTGACCA 1440
 QY 1445 CTGCAAGCTGATCCTGCAACCTCTTGGCCCTGTGCGAACGGCTGAGCTG 1504
 Db 1441 CTGCAAGCTGATCCTGCAACCTCTTGGCCCTGTGCGAACGGCTGAGCTG 1500
 1505 CCACAGAGGCCAACGGGACATCTGGAGTGGCAATCCAAATTCAATGTC 1564
 Db 1501 CCCACAGAGGCCAACGGGACATCTGGAGTGGCAATCCAAATTCAATGTC 1560
 QY 1565 ATAGAGGAGAACAGATGAAACCTTCGGGCCAACGGCTGGGGGACTTGG 1624
 Db 1561 ATAGAGGAGAACAGATGAAACCTTCGGGCCAACGGCTGGGGGACTTGG 1620
 QY 1625 ACTGTCACCAACGGGTTGTTGTTGAAACTGAAATAAAAGAGCAAAAAA 1679
 Db 1621 ACTGTGCCACCAACGGGTTGTTGTTGAAACTGAAATAAAAGAGCAAAAAA 1675

RESULT 550
 US-09-966-546-5
 ; Sequence 5, Application US/09965546
 ; Patent No. US20020168716A1
 GENERAL INFORMATION:
 ; APPLICANT: Fernandes, Elma
 ; APPLICANT: Vernet, Corine
 ; APPLICANT: Shmlets, Richard A
 ; TITLE OF INVENTION: No. US020168716A1 Human Proteins and Polynucleotides Encoding
 FILE REFERENCE: Cura-46 (15966-546)
 CURRENT APPLICATION NUMBER: US/09/966,546
 CURRENT FILING DATE: 2001-09-26
 PRIOR APPLICATION NUMBER: 09/544,511
 NUMBER OF SEQ ID NOS: 57
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 5
 LENGTH: 2012

; LOCATION: (501) . (1532)
 US-09-965-212-5

Query	Match	Score	DB	Length
QY	97.9%	1643	1	2012
Db	Best Local Similarity	99.9%	Pred. No.	0;
Db	Matches	1644;	Conservative	0;
QY	1	GTGTGTCCTTCAGCAAAACGTGGATTAATCTCTTGACAGCTTGAGACACAC	60	
Db	368	GTGTGTCCTTCAGCAAAACGTGGATTAATCTCTTGACAGCTTGAGACACAC	427	
QY	61	AATCTTACGGAAGAAGAAGAAGAAGAACCGAACCTGACAAAGAGAAAGAG	120	
Db	428	AATCTTACGGAAGAAGAAGAAGAAGAACCGAACCTGACAAAGAGAAAGAG	487	
QY	121	AAGAAAATAATGAAACACATCCGCCAAATGACATTCTTGAGGAAAT	180	
Db	488	AAGAAAATAATGAAACACATCCGCCAAATGACATTCTTGAGGAAAT	547	
QY	1261	TATACAATGAAATTGAGAACAGCCTCATGGACAGGAAAGGAAAGGAAAC	1320	
Db	1628	TATACAATGAAATTGAGAACAGCCTCATGGACAGGAAAGGAAAC	1687	
QY	1321	AAGAAATCTTGGGGGAAGAGGTTAAAGAAATGAAATTGCTTGAGATA	1380	
Db	1688	AAGAAATCTTGGGGGAAGAGGTTAAAGAAATGAAATTGCTTGAGATA	1747	
QY	1381	TTAGGTACATGGAGTTCTTCCAAACGGGAAGAACGACACCGGCTTGA	1440	
Db	1748	TTAGGTACATGGAGTTCTTCCAAACGGGAAGAACGACACCGGCTTGA	1807	
QY	1441	CCACTCGAAGTGCATGTCGACCTTGTGCAAGCTGCAAGCTCGCC	1500	
Db	1808	CCACTCGAAGTGCATGTCGACCTTGTGCAAGCTGCAAGCTCGCC	1867	
QY	1501	TCTGCCCCACAGGTGCCCACTGTCGACATCTGTCAGCTGCAAGCTCG	1560	
Db	1868	TCTGCCCCACAGGTGCCCACTGTCGACATCTGTCAGCTGCAAGCTCG	1927	
QY	1561	GTCATGAGAGGAACGAGATGAGACCTTCGGGCCAACGGGACTTGA	1620	
Db	1928	GTCATGAGAGGAACGAGATGAGACCTTCGGGCCAACGGGACTTGA	1987	
QY	1621	GTGAGCTGCCACCAGGGCTG	1645	
Db	1988	GTGAGCTGCCACCAGGGCTG	2012	

RESULT 552
 US-09-965-212-5

Sequence 5, Application US/09965212

Publication No. US0030003462A1

GENERAL INFORMATION:

APPLICANT: Fernandes, Elma

APPLICANT: Vernet, Corine

APPLICANT: Shmets, Richard A.

TITLE OF INVENTION: No. US20030003462A1 Human Proteins and Polynucleotides Encoding

TITLE OF INVENTION: Item

FILE REFERENCE: Cura-46 (1996-54)

CURRENT APPLICATION NUMBER: US/09/965,212

CURRENT FILING DATE: 2001-09-26

PRIOR APPLICATION NUMBER: US/09/544,511

PRIOR FILING DATE: 2000-04-06

PRIOR APPLICATION NUMBER: USSN 60/128,514

PRIOR FILING DATE: 1990-04-09

NUMBER OF SEQ ID NOS: 57

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 5 LENGTH: 2012

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE: CDS

NAME/KEY: CDS

Db	721	CGGGGTACGGAGGTAAGGTACCGTAACTATCCACCATACATTCAAGAACCAAGGG	780
Qy	823	TACAGGGTCCCGTGGACAAGGGACACTGCCTGAGCTCAGGAGTCCTC	882
Db	781	TACAGGGTCCCGTGGACAAGGGACACTGCCTGAGCTCAGGAGTCCTC	840
Qy	883	ACGAGAATTCCAGTGTAACGGATGACAAGACTGATGAGGAGAAGGGTGA	942
Db	841	ACGAGAATTCCAGTGTAACGGATGACAAGACTGATGAGGAGAAGGGTGA	900
Qy	943	AGTGGAAACAGACCTTCTCAACTCTCTCACTCTCTCAATGTTCTGACATCTA	1002

PRIOR FILING DATE: 2000-04-06
NUMBER OF SEQ ID NOS: 57
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 3
LENGTH: 1603
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (92)..(1123)
US-09-966-545-3

APPENDIX: Shimkai, Katalin A.
TITLE OF INVENTION: No. US2002017299A1 Human Proteins and Polynucleotides
TITLE OF INVENTION: Them
FILE REFERENCE: Cura-46 (15966-546)
CURRENT APPLICATION NUMBER: US/09/966,545
CURRENT FILING DATE: 2001-09-26

Qy 823 TACAGGTCCCCTGGCACAAAGGGCACTGCACTGAGCTGAGCTCAGCATCCCTC 882
 Db 781 TACAGGTGGCGCTGGGACAAGGGGACACTGCACTGAGCTGAGCTCAGCATCCCTC 840

|||||||
Db 841 AGCAGAAATTCAGTGGTACAGGAGAACAAAGACTGATTGAGAAGAAGGGTGA 900
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (92)..(1123)
; US-09-965-212-3

Query Match 95.4%; Score 1601.4; DB 1; Length 1603;
Best Local Similarity 99.9%; Pred. No. 0; Mismatches 1; Indels 0; Gaps 0;
Matches 1602; Conservative 0;

QY 43 CAACTTGAGAGCAACCAACTATAGGAAAGAAAGAAAACCGAACCTGACA 102
Db 1 CAACTTGAGAGCAACCAACTATAGGAAAGAAAGAAAACCGAACCTGACA 60
Db 103 AAAAGAGAAAGAGAAAGAAAATCATGAAACCATCCAGCAAATTCACA 162
Db 61 AAAAGAGAAAGAGAAAGAAAATCATGAAACCATCCAGCAAATTCACA 120
QY 163 TCTATCTTGGCATTCACGGGCTGTGCTCTCTCTCCAGGAGGAGGAGGAGG 222
Db 121 TCTATCTTGGCATTCACGGGCTGTGCTCTCTCTCCAGGAGGAGGAGG 180
QY 223 CGTGCAGGGAGATGCCACTTCCCAAAGCTTGACACGTCGTCAGGAGG 282
Db 181 CGTGCGAGGAGATGCCACTTCCCAAAGCTTGACACGTCGTCAGGAGG 240
QY 283 GGAGGGCCACCCCTAGGGCACTATGACACCGGTCACCCGGGGGACCTAA 342
Db 241 GGAGGGCCACCCCTAGGGCACTATGACACCGGTCACCCGGGGGACCTAA 300
QY 343 CGCAGGACCATCTCTATGCTGGAAATGACAGTCAGGAGGAGGAGGAGA 402
Db 301 CGCAGGACCATCTCTATGCTGGAAATGACAGTCAGGAGGAGGAGGAGA 360
QY 403 TCTGAGAACCCAAACGGCGTACAGCATGAGTCAGCATGAGTCAGGAGG 462
Db 361 TCTGAGAACCCAAACGGCGTACAGCATGAGTCAGCATGAGTCAGGAGG 420
QY 463 GGCCCTTACACCTGCTGGCGAGAACCCAAAGACCTTAGGGTCACCT 522
Db 421 GGCCCTTACACCTGCTGGCGAGAACCCAAAGACCTTAGGGTCACCT 480
QY 523 CTGGAGAACCCAAACGGCGTACAGCATGAGTCAGCATGAGTCAGGAGG 582
Db 481 CATTTGTCAGTATCTCCAAATTGTAGATTCCTGATGATCTCCATTAGAAGG 540
QY 583 GACAATTAGCTCTCGCATGAGCTGGTAGCCAGGCTAGCTTACTTGAG 642
Db 541 GACAATTAGCTCTCGCATGAGCTGGTAGCCAGGCTAGCTTACTTGAG 600
Db 643 ACACATCTCCAAAGCGGTGGCTTGTGAGTGGAGACGAAACTTGGAAATTCAGG 702
Db 601 ACACATCTCCAAAGCGGTGGCTTGTGAGTGGAGACGAAACTTGGAAATTCAGG 660
QY 703 CAACCGGGAGCAGTCAGGGGACTACGACTGAGTCAGTGCAGTCAGTCAGTGC 762
Db 661 CATCACGGGGAGCAGTCAGGGGACTACGACTGAGTCAGTGCAGTCAGTGC 720
QY 763 CGTGGTGGAGGAGTAAGGTACCTTCAACATTCAGAGCCAGGG 822
Db 721 CGTGGTGGAGGAGTAAGGTACCTTCAACATTCAGAGCCAGGG 780
QY 823 CGTGGTGGAGGAGTAAGGTACCTTCAACATTCAGAGCCAGGG 882
Db 781 TACAGGTTCCCGTAGACAGAACGGGACTGAGGTGAGCTCAGGTCCTC 840
QY 883 ACCAGATTCAGTGTGACAGGATGACAGACTGAGTCAGGAGAAGAAGGSGTGA 942
Db 841 AGCAGAAATTCAGTGGTACAGGAGAACAAAGACTTCAAGGAGGAGG 900
QY 943 AGCAGAAATTCAGTGGTACAGGAGAACAAAGACTTCAAGGAGGAGG 1002
; LENGTH: 1603
; SEQ ID NO 3

RESULT 556
US-09-965-212-3
; Sequence 3, Application US/09965212
; Publication No. US2003003462A1
; GENERAL INFORMATION:
; APPLICANT: Fernandes, Elma
; APPLICANT: Vernet, Corinne
; APPLICANT: Richard A.
; TITLE OF INVENTION: Human Proteins and Polynucleotides Encoding
; CURRENT APPLICATION NUMBER: US/09/965,212
; CURRENT FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: US/09/544,511
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: USN 60/128,514
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn Ver. 2.0
; LENGTH: 1603

Db 901 AGTGGAAACAGACCTTCCTCAACTCATCTCTGAACTGACTA 960 ;
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/966, 545
; PRIORITY NUMBER: 09/966, 546
; PRIORITY FILING DATE: 2001-09-26
; PRIORITY FILING DATE: 2000-04-06
; PRIORITY APPLICATION NUMBER: 60/128, 514
; PRIORITY FILING DATE: 1999-04-09
; PRIORITY APPLICATION NUMBER: 60/185, 592
; PRIORITY FILING DATE: 2000-03-03
; NUMBER OF SEQ ID NOS: 152
; SOFTWARE: Curaseq/ist version 0.1
; SEQ ID NO 3
; LENGTH: 1603
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (92)..(1123)
; US-10-189-940-3

Query Match 95.4%; Score 1601.4; DB 1; Length 1603;
Best Local Similarity 99.9%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;
Matches 1602; Conservative 0; Mismatches 0;

Db 1261 AATTGAGGGAGGGAACAAAGAATCTTGGGGAAAGAGTTAAAGAATG 1320 ;
; PRIOR FILING DATE: 2001-09-26
; PRIORITY NUMBER: 09/966, 546
; PRIORITY FILING DATE: 2001-09-26
; PRIORITY FILING DATE: 2000-04-06
; PRIORITY APPLICATION NUMBER: 60/128, 514
; PRIORITY FILING DATE: 1999-04-09
; PRIORITY APPLICATION NUMBER: 60/185, 592
; PRIORITY FILING DATE: 2000-03-03
; NUMBER OF SEQ ID NOS: 152
; SOFTWARE: Curaseq/ist version 0.1
; SEQ ID NO 3
; LENGTH: 1603
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (92)..(1123)

Db 1303 AATTGAGGGAGGGAACAAAGAATCTTGGGGAAAGAGTTAAAGAATG 1362 ;
; PRIOR FILING DATE: 2001-09-26
; PRIORITY NUMBER: 09/966, 546
; PRIORITY FILING DATE: 2001-09-26
; PRIORITY FILING DATE: 2000-04-06
; PRIORITY APPLICATION NUMBER: 60/128, 514
; PRIORITY FILING DATE: 1999-04-09
; PRIORITY APPLICATION NUMBER: 60/185, 592
; PRIORITY FILING DATE: 2000-03-03
; NUMBER OF SEQ ID NOS: 152
; SOFTWARE: Curaseq/ist version 0.1
; SEQ ID NO 3
; LENGTH: 1603
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (92)..(1123)

Db 1363 AAAATTGCCCTGCGAGATTTAGGAACTTGACCTGGAGTTCTCCAAAGGGAGA 1422 ;
; PRIOR FILING DATE: 2001-09-26
; PRIORITY NUMBER: 09/966, 546
; PRIORITY FILING DATE: 2001-09-26
; PRIORITY FILING DATE: 2000-04-06
; PRIORITY APPLICATION NUMBER: 60/128, 514
; PRIORITY FILING DATE: 1999-04-09
; PRIORITY APPLICATION NUMBER: 60/185, 592
; PRIORITY FILING DATE: 2000-03-03
; NUMBER OF SEQ ID NOS: 152
; SOFTWARE: Curaseq/ist version 0.1
; SEQ ID NO 3
; LENGTH: 1603
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (92)..(1123)

Db 1381 CGGCAACCCGCTTGACCACTGCACTGGATGTTGGAGTTCTCCAAAGGGAGA 1440 ;
; PRIOR FILING DATE: 2001-09-26
; PRIORITY NUMBER: 09/966, 546
; PRIORITY FILING DATE: 2001-09-26
; PRIORITY FILING DATE: 2000-04-06
; PRIORITY APPLICATION NUMBER: 60/128, 514
; PRIORITY FILING DATE: 1999-04-09
; PRIORITY APPLICATION NUMBER: 60/185, 592
; PRIORITY FILING DATE: 2000-03-03
; NUMBER OF SEQ ID NOS: 152
; SOFTWARE: Curaseq/ist version 0.1
; SEQ ID NO 3
; LENGTH: 1603
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (92)..(1123)

Db 1441 GG3CAAGGGCTCAGCCTCTGCCCCAACAGTGTGGACATTGGAGCTGG 1500 ;
; PRIOR FILING DATE: 2001-09-26
; PRIORITY NUMBER: 09/966, 546
; PRIORITY FILING DATE: 2001-09-26
; PRIORITY FILING DATE: 2000-04-06
; PRIORITY APPLICATION NUMBER: 60/128, 514
; PRIORITY FILING DATE: 1999-04-09
; PRIORITY APPLICATION NUMBER: 60/185, 592
; PRIORITY FILING DATE: 2000-03-03
; NUMBER OF SEQ ID NOS: 152
; SOFTWARE: Curaseq/ist version 0.1
; SEQ ID NO 3
; LENGTH: 1603
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (92)..(1123)

Db 1543 CCATCCAAATCACTGCTCATGAGAACATGACCTGGCCACCGGCGAGCT 1602 ;
; PRIOR FILING DATE: 2001-09-26
; PRIORITY NUMBER: 09/966, 546
; PRIORITY FILING DATE: 2001-09-26
; PRIORITY FILING DATE: 2000-04-06
; PRIORITY APPLICATION NUMBER: 60/128, 514
; PRIORITY FILING DATE: 1999-04-09
; PRIORITY APPLICATION NUMBER: 60/185, 592
; PRIORITY FILING DATE: 2000-03-03
; NUMBER OF SEQ ID NOS: 152
; SOFTWARE: Curaseq/ist version 0.1
; SEQ ID NO 3
; LENGTH: 1603
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (92)..(1123)

Db 1501 CCATCCAAATCACTGCTCATGAGAACATGACCTGGCCACCGGCGAGCT 1645 ;
; PRIOR FILING DATE: 2001-09-26
; PRIORITY NUMBER: 09/966, 546
; PRIORITY FILING DATE: 2001-09-26
; PRIORITY FILING DATE: 2000-04-06
; PRIORITY APPLICATION NUMBER: 60/128, 514
; PRIORITY FILING DATE: 1999-04-09
; PRIORITY APPLICATION NUMBER: 60/185, 592
; PRIORITY FILING DATE: 2000-03-03
; NUMBER OF SEQ ID NOS: 152
; SOFTWARE: Curaseq/ist version 0.1
; SEQ ID NO 3
; LENGTH: 1603
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (92)..(1123)

Db 1561 GGCCTCGGGACTTGTGACTGTGCAACCGGCGTG 1603 ;
; PRIOR FILING DATE: 2001-09-26
; PRIORITY NUMBER: 09/966, 546
; PRIORITY FILING DATE: 2001-09-26
; PRIORITY FILING DATE: 2000-04-06
; PRIORITY APPLICATION NUMBER: 60/128, 514
; PRIORITY FILING DATE: 1999-04-09
; PRIORITY APPLICATION NUMBER: 60/185, 592
; PRIORITY FILING DATE: 2000-03-03
; NUMBER OF SEQ ID NOS: 152
; SOFTWARE: Curaseq/ist version 0.1
; SEQ ID NO 3
; LENGTH: 1603
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (92)..(1123)

RESULT 557
US-10-189-940-3
; Sequence 3, Application US/10189940
; Publication No. US2003029613A1
; GENERAL INFORMATION:
; APPLICANT: Fernandes, Elma
; APPLICANT: Vernet, Corine
; APPLICANT: Shirkets, Richard
; APPLICANT: Anderson, David
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Boldog, Ferenc
; APPLICANT: Li, Li
; APPLICANT: Shenoy, Suresh
; APPLICANT: Casman, Stacie
; APPLICANT: Bastelli, Luca
; TITLE OF INVENTION: No. US20030129613A1 Human Proteins and Polynucleotides Encoding
FILE REFERENCE: 12966-46 CIP
CURRENT FILING DATE: 2002-07-03
PRIORITY FILING DATE: 2001-07-05
PRIORITY APPLICATION NUMBER: 60/3369, 065
PRIOR FILING DATE: 2002-04-01
PRIOR APPLICATION NUMBER: 60/3378, 730
PRIOR FILING DATE: 2002-05-08
PRIOR APPLICATION NUMBER: 09/965, 212

QY 763 CATTGTTAAGGAGATAAGTCACCGTAACTTCCACCATACATTCAAGCCAAAGG 822 ; APPLICANT: Wang, Jian-Rui
; APPLICANT: Zhao, Qing A.
Db 721 CGGGTAGGAGAGTAAGGTACCGTGACATCCACCATACATTCAAGCCAAAGG 780 ; APPLICANT: Ren, Feiyan
; APPLICANT: Chen, Rui-Jong
Db 823 TACAGGTTCCCGTGGACAAGAGGAACATCGAGTGGAGCTCAGAGCTCCCTC 882 ; APPLICANT: Wang, Dunrui
; APPLICANT: Wang, Zhiwei
; APPLICANT: Wehrman, Tom
Db 781 TACAGGTTCCCGTGGACAAGAGCTGAGCTGGAGCTCAGAGCTCCCTC 840 ; APPLICANT: Zhang, Jie
QY 883 AGCAGATTCCAGTGTACAAAGATGATGAGGAAGGAGGGTGA 942 ; APPLICANT: Qian, Xiaohong B.
; APPLICANT: Drmanac, Radivoje T.
Db 841 AGCAGATTCCAGTGTACAAAGATGATGAGGAAGGAGGGTGA 900 ; TITLE OF INVENTION: No. US20020197679A1el Nucleic Acids and
; POLYPEPTIDES
; FILE REFERENCE: 784CIP2
QY 943 AGTGAAAAACAGCTTCTCTCAAAACTCATCTCTTCAATGTCCTCACAGTA 1002 ; CURRENT APPLICATION NUMBER: US/10/098 841
; PRIOR FILING DATE: 2002-03-13
; TITLE OF INVENTION: No. US20020197679A1el Nucleic Acids and
Db 901 AGTGAAAAACAGCTTCTCTCAAAACTCATCTCTTCAATGTCCTCACAGTA 960 ; POLYPEPTIDES
; FILE REFERENCE: 784CIP2
QY 1003 TCGGAATACATTCGCTGCTCCACAACTGSCCAACCAATGCCGATCATGT 1052 ; CURRENT APPLICATION NUMBER: US/10/098 841
; PRIOR FILING DATE: 2000-04-25
; TITLE OF INVENTION: No. US2000045552317
Db 961 TGGAACTACATTCGCTGCTCCACAACTGSCCAACCAATGCCGATCATGT 1020 ; PRIOR APPLICATION NUMBER: 03/488,725
; PRIOR FILING DATE: 2000-01-21
; TITLE OF INVENTION: No. US2000045552317
QY 1063 ATTTGGTCAAGGGCCCTAACGGGAGGTGAGCAACGGGACCTGGCTGCTG 1122 ; SOFTWARE: pt_EU_9 genes Version 1.0
Db 1021 ATTTGGTCAAGGGCCCTAACGGGAGGTGAGCAACGGGACCTGGCTGCTG 1080 ; SEQ ID NO: 72
; LENGTH: 1678
QY 1123 CTGGCTCTGCCTTGTGCTGACCTCTTCAAAATTGATGAGTAGTGTCACTT 1182 ; TYPE: DNA
; ORGANISM: Homo sapiens
Db 1081 CTGGCTGCGCTCTTGTGCTGACCTCTTCAAAATTGATGAGTAGTGTCACTT 1140 ; FEATURE: CDS
; NAME/KEY: CDS
; LOCATION: (142)..(1176)
QY 1183 CCCACCGGGAAGGTGCGGCCACACCAACACACACACACACACACAC 1242 ;
Db 1141 CCCACCGGGAAGGTGCGGCCACACACACACACACACACACACACAC 1200 ;
QY 1243 ACAGCAACCATCAGATAATACAATGAAATTAGAGAAACAGCTATGGACAGA 1302 ;
Db 1201 ACAGCAACCATCAGATAATACAATGAAATTAGAGAAACAGCTATGGACAGA 1260 ;
QY 1303 AATTGAGGAGGGAAACAAATTTGGGGAAAGATTAAAGAAATT 1362 ;
Db 1261 AATTGAGGAGGGAAACAAATTTGGGGAAAGATTAAAGAAATT 1320 ;
QY 1363 AAAATTGCTCGAGATATTAGTGTACATGAGTTCTTCAAAGGGAGAAC 1422 ;
Db 1321 AAATTGCTCGAGATATTAGTGTACATGAGTTCTTCAAACGGGAAGAAC 1380 ;
QY 1423 CGGACACCCGCTTGCAGCTGCAGCTGCACCTTGTGGAGT 1482 ;
Db 1381 CAAGCACACCGCTTGCAGCTGCAGCTGCACCTTGTGGAGT 1440 ;
QY 1483 GGGCAAGGGCTGAGCTCTGCCACAGAGTGGCCCACTGGACATCTGGAGCTG 1542 ;
Db 1441 GGGCAAGGGCTGAGCTCTGCCACAGAGTGGCCCACTGGACATCTGGAGCTG 1500 ;
QY 1543 CCATCCCATTGATCAGTGTCCATAGAGAGACAGATGAGACCTTCCGGCCAAAGGT 1602 ;
Db 1501 CCATCCCATTGATCAGTGTCCATAGAGAGACAGATGAGACCTTCCGGCCAAAGGT 1560 ;
QY 1603 GGCGCTGGGACTTGTAGTGTGGACACACAGGTG 1645 ;
Db 1561 GGCGCTGGGACTTGTAGTGTGGACACACAGGTG 1603 ;

RESULT 558 ;
US-10-098-841-72 ;
; Sequence 72, Application US/0098841
; Publication No. US0020197679A1.
; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Liu, Chenghua
; APPLICANT: Asundi, Vinod
; APPLICANT: Xu, Chongjun
; APPLICANT: Zhou, Ping
; APPLICANT: Ma, Yunqing

|||||||
Db 762 GCGGGCCCCCTTGTAGGAGGAATGACGGTAACTTCACTTCCACCATTCAGA 821
Qy 814 AGCCAAGGGTCAAGGTCTCCCGTGGACAAAGGGACACTGCAGTGTAAGCTCAGC 873
Db 822 ACCCAAGGTCAAGGTCTCCCGTGGACAAAGGGACACTGCAGTGTAAGCTCAGC 881
Qy 874 AGTCCCCTCACGAAATTCCAGTGTACAGATGACAAGAGCTGAGTGTGAGCTCAGC 893
Db 882 AGTCCCCTCACGAAATTCCAGTGTACAGATGACAAGAGCTGAGTGTGAGCTCAGC 941
Qy 934 AGGGGTGAATGGAAACACACCTTCTCTCAAACTCTCTCTCTCATGCTGAA 993
Db 942 AGGGGTGAATGGAAACACACCTTCTCTCAAACTCTCTCTCATGCTGAA 1001
Qy 994 ACATGACTATGGAACTACATGGTGGCCACAGGGCACCAATGCG 1053
Db 1002 ACATGACTATGGAACTACATGGTGGCCACAGGGCACCAATGCG 1051
Qy 1054 CATCATGCTATTTGGTCAGGGTACAGAGATAACAGGATGAAAGAAA 1113
Db 1062 CTCATGCTATTTGGTCAGGGTACAGGGCACCAATGCG 1121
Qy 1114 AGGCTSGTCTGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1173
Db 1122 AGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1181
Qy 1174 GTCGCCACTTCCACCGGGAAAGGGTGGCCACACACACACACACACACACAC 1233
Db 1182 GTCGCCACTTCCACCGGGAAAGGGTGGCCACACACACACACACACACACAC 1241
Qy 1234 GCAACACGAAACACACAGATATCAATGAAATAGAGAACACACGCTCA 1233
Db 1242 GCAACACGAAACACACAGATATCAATGAAATAGAGAACACACGCTCA 1301
Qy 1294 TGGACAGAAATTGGGGGGAAACAGAACTTGGGGGAAGAGTTAA 1353
Db 1302 TGGACAGAAATTGGGGGGAAACAGAACTTGGGGGAAGAGTTAA 1361
Qy 1354 AGAAATGTGAAATTGGCTTGGAGATATTGGTAACTGGAGTTCTTCCAAACG 1413
Db 1362 AGAAATGTGAAATTGGCTTGGAGATATTGGTAACTGGAGTTCTTCCAAACG 1421
Qy 1414 GCAAGACACGACACCCGGCTTGGACCCACTGCAAGTCATGTGCAACCTTTGG 1473
Db 1422 GGAGAACACACGACACCCGGCTTGGACCCACTGCAAGTCATGTGCAACCTTTGG 1481
Qy 1474 TGGCACTGTGGCAACGGCTTGGCTCTCCACGAGCTGGCCACCTGGACATC 1533
Db 1482 TGGCACTGTGGCAACGGCTTGGCTCTCCACGAGCTGGCCACCTGGACATC 1541
Qy 1534 TGGAGCTGGCTTCCCAAATTAATGTCATAGGCAATAGACAGATGACCTTCGG 1593
Db 1542 TGGAGCTGGCTTCCCAAATTAATGTCATAGGCAATAGACAGATGACCTTCGG 1601
Qy 1594 CCCAGGTGGGCTGGGGACTTGTACCTGGCAACACCGGTGTTGAA 1653
Db 1602 CCCAAASCCTGAGCTGGGGACTTGTACCTGGCAACACCGGTGTTGAA 1661
Qy 1654 CGTGAATAAAGAGC 1670
Db 1662 CTGAAATAAAGAGC 1678

|||||||
RESULT 559
US-10-161-572-16
; Sequence 16, Application US/10161572
; Publication No. US2003008726A1
; GENERAL INFORMATION:
; APPLICANT: EXELIXIS, INC.
; TITLE OF INVENTION: IGS AS MODIFIERS OF THE P53 PATHWAY AND METHODS OF USE
; FILE REFERENCE: EX02-097C-PC
; CURRENT FILING DATE: 2002-06-03
; PRIORITY NUMBER: US 60/296,076
; PRIORITY DATE: 2001-06-05
; PRIORITY NUMBER: US 60/328,605
; PRIORITY NUMBER: US 60/338,773
; PRIORITY FILING DATE: 2001-10-22
; PRIORITY APPLICATION NUMBER: US 60/357,253
; PRIORITY FILING DATE: 2002-02-15
; PRIORITY APPLICATION NUMBER: US 60/357,600
; PRIORITY FILING DATE: 2002-02-15
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: Patentin version 3.1
; SEQ ID NO: 16
; LENGTH: 1839
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-161-572-16
Query Match: Best Local Similarity: 98.5%; Score: 1442.8; DB: 1; Length: 1839;
Matches: 1464; Conservative: 0; Mismatches: 2; Indels: 20; Gaps: 1;
Qy 214 AGGAGTGGCGTGGCGACGGAGATGCGACCTTCCCAAGGTATGCGAACGTGACGGT 273
Db 345 AGGGTGGCGTGGCGACGGAGATGCGACCTTCCCAAGGTATGCGAACGTGACGGT 404
Qy 274 CCGGCAGGGAGAGGCGACCCCTGAGTGCACATGGTACACCGGCTACCGGGTGGC 333
Db 405 CGGGCAGGGAGAGGCGACCCCTGAGTGCACATGGTACACCGGCTACCGGGTGGC 464
Qy 334 CTGCTTAACGGAGACACATCTCTATGCTGGAGATGAGTGGCTCTGGATCTCG 393
Db 465 CTGGCTTAACGGAGACACATCTCTATGCTGGAGATGAGTGGCTCTGGATCTCG 524
Qy 394 CGTGGCTCTTGAGAACACCCAAACCGAGTACAGCTGAGATCCAGGATCCAGGTT 453
Db 525 CGTGTCTCTTGAGAACACCCAAACCGAGTACAGCTGAGATCCAGGATCCAGAAGCTGGAT 584
Qy 454 GTATGACCGAGGGCCTTACCTGCTGTGAGACAGAACACCCAAAGCTCTG 513
Qy 585 GTATGACCGAGGGCCTTACCTGCTGTGAGACAGAACACCCAAAGCTCTG 644
Db 514 GGTGCACTCTATGCAAGTACTCCAAATGTGAGATCTCGATCAT 573
Db 645 GGTGCACTCTATGCAAGTACTCCAAATGTGAGATCTCGATCAT 704
Qy 574 TAATGAAAGGAAACATATAGCTTCACTGCAATGCACTGCACTGAGCTGGTAGACGCTGGT 633
Db 705 TAATGAAAGGAAACATATAGCTTCACTGCAATGCACTGCACTGAGCTGGTAGACGCTGGT 764
Qy 634 TACTGGAGACACATCTCCAAAGGGTGGTCTGAGTGAAGAGAACTTGGGA 693
Db 765 TACTGGAGACACATCTCCAAAGGGTGGTCTGAGTGAAGAGAACTTGGGA 824
Qy 694 ATTTCAGGACATACCGGGAGAGTGGGGACTTGGAGCTTGGAGCTTGGAGCTGGT 753
Db 825 ATTTCAGGACATACCGGGAGAGTGGGGACTTGGAGCTTGGAGCTGGAGCTGGT 884
Qy 754 GGCCTGGGGCTTGGAGCTGGAGTAACGTCACCGTGAATCTCCACATGTTGAA 813
Db 885 GGCCTGGGGCTTGGAGCTGGAGTAACGTCACCGTGAATCTCCACATGTTGAA 944
Qy 814 AGCCAGGGTACAGGTGGCTGGACAAAGGGACACTCGAGTGTGAGGCTGAGC 873
Db 945 AGCCAGGGTACAGGTGGCTGGACAAAGGGACACTCGAGTGTGAGGCTGAGC 1004
Qy 874 AGTCCTCAGGAAATTCTGAGTGTACAGGTGACAAGAGCTGAGTGTGAGGAA 933
Db 1005 AGTCCTCAGGAAATTCTGAGTGTACAGGTGACAAGAGCTGAGTGTGAGGAA 1064
Qy 934 AGGGTGAAGTGGAAACAGAGCTTCTCTCAAAACTCATCTTCTCATGTTGAA 993

Tue Jun 8 09:37:53 2004

us-10-017-084a-522.rnpb

Page 657

QY 914 AGACTGATTCAGGAAGAAGAGGGTGAAGTGAACAGACCTTCTCTCAAACTC 973
Db 781 AGACTGATTCAGGAAGAAGAGGGTGAAGTGAACAGACCTTCTCTCAAACTC 840
QY 974 ATCTTCTCGATGJCTCTGACAATGACTATGGAACTACATGUGTGCCTCCAAAG 1033
Db 841 ATCTTCTCGATGCTCTGACAATGACTATGGAACTACATGUGTGCCTCCAAAG 900
QY 1034 CTGGGCCACCCAATGCCAGCATATGCTATTGGTCCAGGCCCGTAGGGAGAGC 1093
Db 901 CTGGGCCACCCAATGCCAGCATATGCTATTGGTCCAGGCCCGTAGGGAGAGC 960
QY 1094 AACGGACCTTGAGGAGGAGGTGGCTGGCTGCGCTTCTCGTCTGACTG 1153
Db 961 AACGGACCTTGAGGAGGAGGTGGCTGGCTGCGCTTCTCGTCTGACTG 1020
QY 1154 CTTCTCAATT 1165
Db 1021 CTTCTCAATT 1032

Search completed: June 8, 2004, 09:32:55
Job time : 7903 secs

COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/306, 113
FILING DATE: 27-No. US20030100485A1-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/009, 841
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: BILLINGS, Lucy J.
REGISTRATION NUMBER: 36,749
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
TELEFAX: 650-845-4166
TELEX: <Unknown>
SEQUENCE CHARACTERISTICS:
LENGTH: 2129 base pairs
TYPE: nucleic acid
STRANDEDNESS: Single
TOPOLogy: linear
IMMEDIATE SOURCE:
LIBRARY: PANCNOT07
CLONE: 1348320
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-306-133-2
Query Match Similarity 85.4%; Score 1424.7; DB 1; Length 2129;
Best Local Similarity 97.6%; Pred No 0; Nsmatches 3; Indels 33; Gaps 1;
Matches 1463; Conservative 0; Nsmatches 3; Indels 33; Gaps 1;
QY 1485 AAGAAATGAAATTCCTCGATTTAGGTACATGGGTTTCCAAAGC 1413
Db 1485 AAGAAATGAAATTCCTCGATTTAGGTACATGGGTTTCCAAAGC 1544
QY 1414 GGAGAACACAGCACACCGACGGCTTGACCACTGTCGACCTTGG 1473
Db 1545 GGAGAACACAGCACACCGACGGCTTGACCACTGTCGACCTTGG 1604
QY 1474 TCCAGTGTGGGAGGGCTCAACCTCTTGCCACAGGTGGACATTC 1533
Db 1605 TCCAGTGTGGGAGGGCTCAACCTCTTGCCACAGGTGGACATTC 1644
QY 1534 TGAGCTGACATCCAAATCTCATCGTCATAGAGAGAAGATGAGAC----- 1586
Db 1665 TGAGCTGACATCCAAATCTCATCGTCATAGAGAGAAGATGAGCTCGG 1724
QY 1587 -----CTTCGCCAGGTGGCGCTTGCTAGACTGAGCTTGCC 1633
Db 1725 CCAAGCGGTGCGCTCCGGCCAGCGGTGGCGCTTGCTAGACTG 1784
QY 1634 CCACCGCGTGTGTTGAACGTTGAACTGAAATAAACAGCAAAA 1679
Db 1785 CCACCGCGTGTGTTGAACGTTGAACTGAAATAAACAGCAAAA 1830
RESULT 561
US-10-306-133-2
; Sequence 2, Application US/10306133
; Publication No. US20030100485A1
; GENERAL INFORMATION:
; APPLICANT: Lal, Preeti
; Guseiler, Karl J.
; TITLE OF INVENTION: HUMAN NEUROTRIMIN HOMOLOG
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA

```
FILED REFERENCE: 2011-3  
CURRENT APPLICATION NUMBER: US/10/657,103  
CURRENT FILING DATE: 2003-09-09  
PRIOR APPLICATION NUMBER: US/09/700,397  
PRIOR FILING DATE: 2001-01-05  
;  
; PRIOR APPLICATION NUMBER: JP 10-131815  
; PRIOR FILING DATE: 1998-05-14  
; PRIOR APPLICATION NUMBER: PCT/JP99/02485  
; PRIOR FILING DATE: 1999-05-13  
NUMBER_OF_SEQ_ID_NOS: 19  
;  
SOFTWARE: PatentIn version 3.0  
SEQ_ID_NO 1  
; LENGTH: 1032  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-657-103-1
```

Qy 754 GCGCCGCGCCGCGCTGGTACCGAGGAGTAAGGTCACCGTGCTGAGCTTCACCATTCAGA 813
 Db 969 GCGCCGCGCCGCGCTGGTACCGAGGAGTAAGGTCACCGTGCTGAGCTTCACCATTCAGA 1028
 Qy 814 AGCCAGGGTACAGGTGTCGCCGAGAACAAAGGGGACACTCAGGTGAAGCTCAGCTAGC 873
 Db 1029 AGCCAGGGTACAGGTGTCGCCGAGAACAAAGGGGACACTCAGGTGAAGCTCAGCTAGC 1088
 Qy 874 AGTCCCTCAGAGAATTCAGGATTCAGTGTGAGGAGAACAAAGGGGACACTCAGGTGAAGCTCAGCTAGC 933
 Db 1089 AGTCCCTCAGAGAATTCAGGATTCAGTGTGAGGAGAACAAAGGGGACACTCAGGTGAAGCTCAGCTAGC 973
 1054 CATTGAGTGTGTTGAGGAGAACAAACTCATCTCTCAAACTCATCTCTCAAGTCTGCA 993
 Qy 934 AGGGGTGAAGTGGAAACAGACCTTCTCTCAAACTCATCTCTCAAGTCTGCA 1148
 Db 1149 AGGGGTGAAGTGGAAACAGACCTTCTCTCAAACTCATCTCTCAAGTCTGCA 1208
 Qy 994 ACATGACTATGGAAACTACACTTGCGTGCTCCAAAGCTGGCCACACCATGCGAG 1053
 Db 1209 ACATGACTATGGAAACTACACTTGCGTGCTCCAAAGCTGGCCACACCATGCGAG 1268
 Qy 1180 CAGGGGTGAGCAAGGGCAGTGGAGGGGGCGGCTGGCTGGCTGCCTCT 1140
 Db 1269 CATTGAGTGTGTTGAGGAGAACAAACTCATCTCTCAAACTCATCTCTCAAGTCTGCA 1328
 Qy 1081 CAGGGGTGAGCAAGGGCAGTGGAGGGGGCGGCTGGCTGGCTGCCTCT 1140
 Db 1329 CAGGGGTGAGCAAGGGCAGTGGAGGGGGCGGCTGGCTGGCTGCCTCT 1388
 Qy 1141 GGTCTTGACCTGCTCTCAAATTGATGTGAGTGCCTCCACCCGGGAAAGCT 1200
 Db 1389 GGTCTTGACCTGCTCTCAAATTGATGTGAGTGCCTCCACCCGGGAAAGCT 1448
 Qy 1201 GCGCCACCAACCAACCAACACAACAGCAACAGCAATGCGAACACCGCACAG 1260
 Db 1449 GCGCCACCAACCAACCAACACAACAGCAACAGCAATGCGAACACCGCACAG 1320
 Qy 1261 TATACAAATGAAATGAGAAGAACACAGCTCATGGAAAGAACACCGGAGAC 1508
 Db 1509 TATACAAATGAAATGAGAAGAACACAGCTCATGGAAAGAACACCGGAGAC 1568
 Qy 1321 AAAGAATACCTGGGGAAAGAGTTAAAGAATGAAATGCGACATA 1380
 Db 1569 AAAGAATACCTGGGGAAAGAGTTAAAGAATGAAATGCGACATA 1628
 Qy 1381 TTGAGTAACTGGAGTTCTTCCAAACGGGAGAACACGGCAACCGGCAACCGGCTGGA 1440
 Db 1629 TTGAGTAACTGGAGTTCTTCCAAACGGGAGAACACGGCAACCGGCAACCGGCTGGA 1688
 Qy 1441 CCCACTGCAAGCTGCACTGGCAACCTCTTGGCOCAGTGTGGCAAGGGCTCAGGCTC 1500
 Db 1689 CCCACTGCAAGCTGCACTGGCAACCTCTTGGCOCAGTGTGGCAAGGGCTCAGGCTC 1748
 Qy 1501 TCTGCCACAGGTGCCCCACGGTGAACATCTGAGGTGGCATCCCAAATCTA 1560
 Db 1749 TCTGCCACAGGTGCCCCACGGTGAACATCTGAGGTGGCATCCCAAATCTA 1808
 Qy 1561 GCGCAAGAGGAGAGAGAGAGACTCTGGGCCAACGGTGGCGGAGGGCTCAGGCTC 1620
 Db 1809 GTCGATGAGAGAGAGAGACTCTGGGCCAACGGTGGCGGAGGGCTCAGGCTC 1868
 Qy 1621 GTAGAGTGTGCAACCGGGTGTGAGAACCTGAAATAAGGAAAGAAAGAA 1679
 Db 1869 GTGAGTGTGCAACCGGGTGTGAGAACCTGAAATAAGGAAAGAAAGAA 1927

Qy	754	GCCCCGCCCCGGTGTGTTAGCGGAGTAGAAGTCACCGTGAGCTACATTCAGA	813
Db	969	GCCCCGCCCTGGTGTGAGGAGTAAGTCACCGTGAGCTACATTCAGA	1028
Qy	814	AGCCAGGGTACAGGTGTCCTCCAGGAGAACAGGGGACACTGAGCTGAGCTAGC	873
Db	1029	AGCCAGGGTACAGGGTCCCGTGGAGAACAGGGGACACTGAGCTGAGCTAGC	1088
Qy	874	AGTCCTCTAGCAGATTCCAGTGTACAGGAGGAAGAGAA	933
Db	1089	AGTCCTCTAGCAGATTCCAGTGTACAGGAGGAAGAGAA	1148
Qy	934	AGGGGTAAGTGGGAAACAGCTTCTCAAACTCATCTCTCAAGTCTGAA	993
Db	1149	AGGGGTAAGTGGGAAACAGCTTCTCAAACTCATCTCTCAAGTCTGAA	1208
Qy	1054	CATCATGCTATTG-----	1080
Qy	994	ACATGACTATGGAACTACACTTAGGGCTCCAACAGTAACTGCACCATGCA	1053
Db	1209	ACATGACTATGGAACTACACTTAGGGCTCCAACAGTAACTGCACCATGCA	1268
Qy	1269	CATCATGCTATTGAACTACACTGCACCATGCAACAGTAACTGCACCATGCA	1328
Db	1081	CAGGGGGTAGCACGGGACGTCAGGGGGACGGCTCTGAGGCTCTCTCT	1140
Db	1329	CAGGGGGTAGCACGGGACGTCAGGGGGACGGCTCTGAGGCTCTCTCT	1388
Qy	1141	GGCTTTCACCTGCTTCATAATTGATGATGCCACTTCCACCCGGAACGCT	1200
Db	1389	GGCTTTCACCTGCTTCATAATTGATGATGCCACTTCCACCCGGAACGCT	1448
Qy	1201	GGCGCACCAACCCCAACACAGCACAGCATGGCAACCGGAGACGCAAC	1260
Db	1449	GGCGCACCAACCCCAACACAGCACAGCATGGCAACCGGAGACGCAAC	1508
Qy	1261	TATACAAATGAAATTGAGAACAGCAGCTCATGGAGAACATTGGGGGAAAC	1320
Db	1509	TATACAAATGAAATTGAGAACAGCAGCTCATGGAGAACATTGGGGGAAAC	1568
Qy	1321	AAAGATACTTGGGGAAAAGACTTTAAAGAAATTGAAATTGGGAGAA	1380
Db	1569	AAAGATACTTGGGGAAAAGACTTTAAAGAAATTGAAATTGGGAGAA	1628
Qy	1381	TTTGGTACATGGGTTTCTTCCAAACGGAGAGACAGCACCGCGCTGAGA	1440
Db	1629	TTTGGTACATGGGTTTCTTCCAAACGGAGAGACAGCACCGCGCTGAGA	1688
Qy	1441	CCACCTCAAGTGTCTGTCACCTCTTGGGCCAGGGCTCAGCTC	1500
Db	1689	CCACCTCAAGTGTCTGTCACCTCTTGGGCCAGGGCTCAGCTC	1748
Qy	1501	TCTGCCACAGAGTGGCCCACTGTGAACTCTCTGGAGCTGGCCATTCCAAATCTCA	1560
Db	1749	TCTGCCACAGAGTGGCCCACTGTGAACTCTCTGGAGCTGGCCATTCCAAATCTCA	1808
Qy	1561	GTCATAGAGAGAACAGAACTGGACCTCGGCCAACGGCTGCGGCACTTG	1620
Db	1809	GTCATAGAGAGAACAGAACTGGACCTCGGCCAACGGCTGCGGCACTTG	1868
Qy	1621	GTAGACTTGTGCCACCAAGGGGTGTGAAACGGTAATAAGGCAAAAGA	1679
Db	1869	GTAGACTTGTGCCACCAAGGGGTGTGAAACGGTAATAAGGCAAAAGA	1927


```
> O < IntelliGenetics
> O <
FastDB - Fast Pairwise Comparison of Sequences
Release 5.4
Results file 10017084-522_vs_u16845.res made by spaul on Fri 28 May 104 15:18:27-PDT.
Query sequence being compared: usl0017084a522 (1-1679)
Number of sequences searched: 1
Number of scores above cutoff: 1

Results of the initial comparison of usl0017084a522 (1-1679) with:
File : u16845.seq
```

File : u16845.seq

Initial Score = 1067 Optimized Score = 1247 Significance = 0.00

Residue Identity = 77% Matches = 1319 Mismatches = 345

Gaps = 35 Conservative Substitutions = 0

1.

usl0017084a522 (1-1679)

u16845 TOIG of: u16845 check: 8993 from: 1 to: 2040

2040

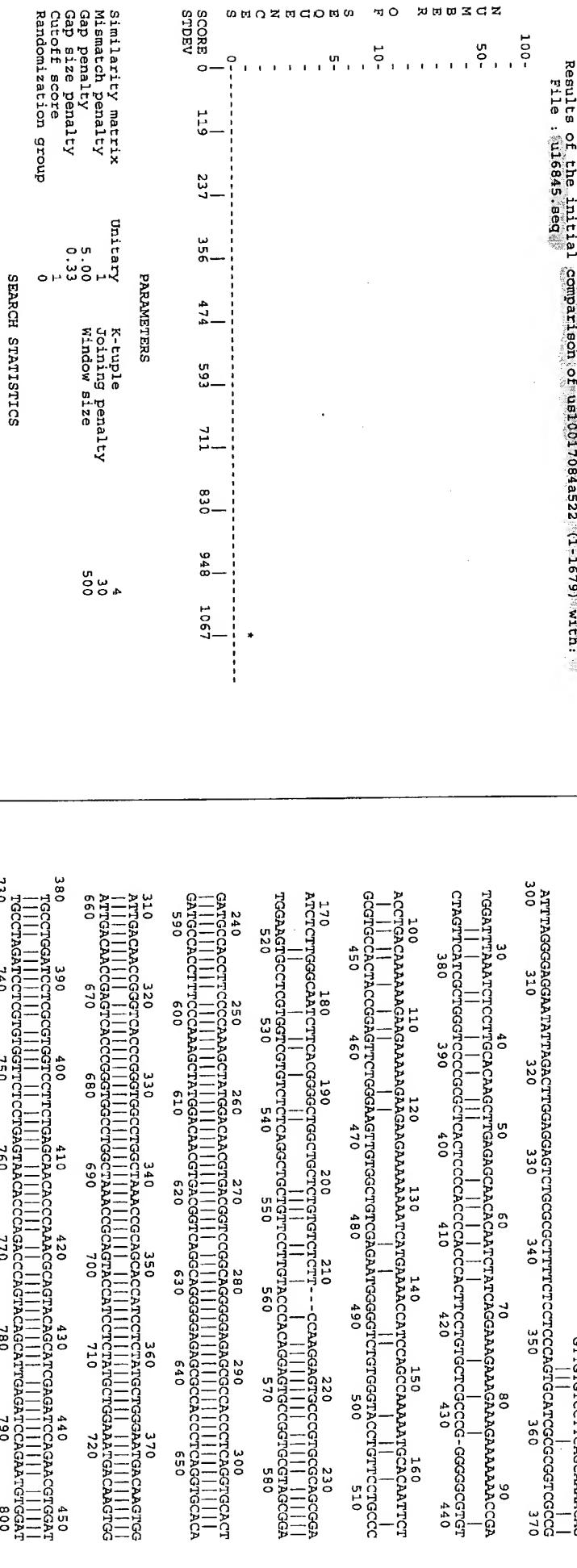
1067

1247

0.00

0

Sequence Name	Description	Length	Init. Score	Opt. Score	Sig.	Frame
1. u16845	TOIG of: u16845 check: 8993 from: 1 to: 2040	2040	1067	1247	0.00	0



The scores below are sorted by initial score. Significance is calculated based on initial score.

Number of sequences searched: 1 Number of scores above cutoff: 1

A 100% identical sequence to the query sequence was not found.

The list of best scores is: